

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Cancelled) An inclining trailer, comprising:
 - a. a bed;
 - b. a hitch attached to said bed;
 - c. at least one wheel support arm having a first end in direct pivotal engagement with said bed and a second end being in direct pivotal engagement with an axle for a wheel;
 - d. said at least one support arm having a first position relative to said bed wherein said bed is substantially level and said at least one support arm having at least one other position wherein said bed is inclined;
 - e. an actuator, said actuator being engaged with said at least one support arm and with said bed such that said actuator mediates travel of said support arm between said first position and said at least one other position, and
 - f. a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being remote from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm, said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.
2. (Cancelled) The trailer according to claim 1, wherein said hitch is a tongue-type hitch.
3. (Cancelled) The trailer according to claim 1, wherein said hitch is a gooseneck-type hitch.

4. (Cancelled) The trailer according to claim 1, wherein a portion of said bed forms a reverse beaver tail.
5. (Cancelled) The trailer according to claim 1, wherein said actuator is a pneumatic actuator.
6. (Cancelled) The trailer according to claim 1, wherein said actuator is a linear drive motor.
7. (Cancelled) The trailer according to claim 1, wherein said actuator is a hydraulic actuator.
8. (Cancelled) The trailer according to claim 7, further comprising a hydraulic pump operatively mounted on said bed.
9. (Cancelled) An inclining trailer having a front and a rear, comprising:
 - a. a frame having a first side member, a second side member, and at least one cross-member interconnecting said first side member and said second side member;
 - b. a hitch attached to said frame at the front;
 - c. a rotating member pivotally connected to said frame between the front and the rear, said rotating member having a first end, and a second end;
 - d. a first wheel support arm operatively connected directly to said first end of said rotating member, said first wheel support arm having a proximate end and a distal end;
 - e. a second wheel support arm attached to said second end of said rotating member, said second wheel support arm having a proximate end and a distal end;
 - f. an axle located at said distal end of each wheel support arm;
 - g. a wheel operatively connected to each axle;
 - h. an actuator for rotating said rotating member, said actuator operatively engaged with at least one of said wheel support arms and with said frame, whereby said frame is correspondingly inclined or declined;

- i. at least one shoe for ground engagement located vertically below said frame and longitudinally between said wheels and the front, and
- j. a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being away from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm, said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.

10. (Cancelled) The trailer according to claim 9, wherein said at least one shoe is operatively connected to said frame.

11. (Cancelled) The trailer according to claim 9, wherein said at least one shoe is integral with at least one of said first and second wheel support arms.

12. (Cancelled) The trailer according to claim 9, wherein said at least one shoe is operatively connected to said rotating member.

13. (Cancelled) An inclining and elevating trailer having a front and a rear, comprising:

- a. a frame having a first side member, a second side member, and at least one cross-member interconnecting said first side member and said second side member;
- b. a hitch pivotally attached to said frame at the front;
- c. a rotating member pivotally connected to said frame between the front and the rear, said rotating member having a first end and a second end;
- d. a first wheel support arm operatively connected directly to said first end of said rotating member, said first wheel support arm having a proximate end and a distal end;

- e. a second wheel support arm operatively connected to said second end of said rotating member, said second wheel support arm having a proximate end and a distal end;
- f. an axle located at said distal end of each wheel support arm;
- g. a wheel operatively connected to each axle;
- h. at least one actuator operatively connected to one of said wheel support arms for rotating said rotating member, whereby said frame and said bed are correspondingly elevated, inclined or declined, and
- i. a connecting link, said connecting link connecting said at least one support arm to at least one other support arm, said connection being away from the axle of at least one wheel, said at least one other support arm being on the same side of the trailer as said at least one support arm, said connecting link moving said at least one other support arm between a first and second position when said at least one support arm is moved between said first position and said second position.

14. (Cancelled) The trailer according to claim 13, wherein said hitch is a tongue-type hitch.

15. (Cancelled) The trailer according to claim 13, wherein said hitch is a gooseneck-type hitch.

16. (Cancelled) The trailer according to claim 13, wherein said at least one actuator includes a first pair of actuators operatively connected to said first and second wheel support arms and a second pair of actuators operatively connected to said hitch.

17. (Cancelled) The trailer according to claim 16, wherein said actuators are pneumatic.

18. (Cancelled) The trailer according to claim 16, wherein said actuators are linear drive motors.

19. (Cancelled) The trailer according to claim 16, wherein said actuators are hydraulic.

20. (Cancelled) The trailer according to claim 19, further comprising a hydraulic pump operatively mounted on said frame.

21. (Cancelled) An inclining and elevating trailer having a front and a rear, comprising:

- a. a frame having a first side member, a second side member, and at least one crossmember interconnecting said first side member and said second side member;
- b. a hitch pivotally attached to said frame at the front;
- c. a rotating member pivotally connected to said frame between the front and the rear, said rotating member having a first end and a second end;
- d. a first wheel support arm operatively connected to said first end of said rotating member, said first wheel support arm having a proximate end and a distal end;
- e. a second wheel support arm operatively connected to said second end of said rotating member, said second wheel support arm having a proximate end and a distal end;
- f. an axle located at said distal end of each wheel support arm;
- g. a wheel operatively connected to each axle;
- h. at least one actuator operatively connected to one of said wheel support arms for selectively rotating said rotating member, whereby said frame and said bed are
- i. correspondingly elevated, inclined or declined; and
- j. at least one pressure sensor operatively connected to said frame.

22. (Cancelled) The trailer according to claim 21, further comprising a management controller operatively connected to said at least one pressure sensor.

23. (Cancelled) An inclining and elevating trailer having a front and a rear, comprising:

- a. a frame having a first side member, a second side member, and at least one crossmember interconnecting said first side member and said second side member;
- b. a bed operatively attached to said frame;

- c. a hitch pivotally attached to said frame at the front, said hitch including a first connecting flange and a second connecting flange;
- d. a tube pivotally connected to said frame between the front and the rear, said tube having a first end and a second end;
- e. a first wheel support arm operatively connected to said first end of said tube, said first wheel support arm having a proximate end and a distal end;
- f. a second wheel support arm operatively connected to said second end of said tube, said second wheel support arm having a proximate end and a distal end;
- g. an axle located at said distal end of each wheel support arm;
- h. a wheel operatively connected to each axle;
- i. a first mounting member operatively attached to said frame;
- j. a second mounting member operatively attached to said frame;
- k. a first actuator having one end operatively connected to said first connecting flange and the other end operatively connected to said first mounting member;
- l. a second actuator having one end operatively connected to said first mounting member and the other end operatively connected to said first wheel support arm;
- m. a third actuator having one end operatively connected to said second connecting flange and the other end operatively connected to said second mounting member; and
- n. a fourth actuator having one end operatively connected to said second mounting member and the other end operatively connected to said second wheel support arm.

24. (Cancelled) A trailer comprising:

- a. a frame;

- b. two wheels on each side of said frame, each wheel being mounted on a wheel support arm at a first end portion of said wheel support arm, and said wheel support arm being pivotally mounted to the frame at a second end portion of said wheel support arm;
- c. an extension on each of said wheel support arms on at least one side of said frame;
- d. a connecting link pivotally attached at each end portion of said connecting link to each of said extensions on said support arms on at least one side of said frame;
- e. an actuator mounted to said frame, said actuator being pivotally attached with said connecting link such that actuation of movement of said connecting link, through said connecting link's pivotal attachment with said support arm extensions, changes a position of said frame relative to said wheels.

25. (Cancelled) The trailer of claim 24 wherein said actuator is hydraulic.

26. (Cancelled) The trailer of claim 24 wherein said actuator is pivotally engaged with one of said end portions of said connecting link.

27. (Cancelled) The trailer of claim 24 wherein said actuator is pivotally engaged with one of said extensions of said support arms.

28. (Cancelled) A trailer comprising:

- a. a frame;
- b. two wheels on each side of said frame, each wheel being mounted on a wheel support arm at a first end portion of said wheel support arm, and said wheel support arm being pivotally mounted to the frame at a second end portion of said wheel support arm;
- c. an extension on each of said wheel support arms on at least one side of said frame;

- d. a connecting link having two ends, said first end being pivotally attached to one of said extensions of said support arms and said second end of said connecting link being pivotally attached to a lever arm;
- e. said lever arm being pivotally attached to a second of said support arms at an opposing end of said lever arm;
- f. an actuator mounted to a bracket on said frame, said actuator being pivotally attached to said lever arm such that actuating movement of said actuator is transferred through said lever arm and said connecting link to each of said support arms to change a position of said frame relative to said wheels.

29. (Cancelled) The trailer of claim 28 wherein each of said two wheel support arms, said connecting link and said lever arm are in substantially the same vertical plane on each of the two sides of the trailer.

30. (Cancelled) The trailer of claim 28 wherein a rearward wheel support arm on each side of the trailer rotates through a greater degree of rotational travel than a is offset at a different angle from said front support arm when said trailer bed is moved from a substantially level traveling position to a substantially inclined position.

31. (Cancelled) The trailer of claim 28 further comprising a hitch, said hitch being in fixed relation to a bed such that movement of said bed from a substantially level position to a substantially inclined position rotates substantially around a pivot point defined by a trailer hitch attachment to a vehicle hitch.

32. (Cancelled) The inclining trailer of claim I wherein said at least one support arm has a rigid extension extending therefrom and wherein said actuator is pivotally engaged at an end of said rigid extension.

33. (Cancelled) The inclining trailer of claim 32 wherein said rigid extension is nonparallel to a long axis of said support arm.

34. (Cancelled) The inclining trailer of claim 1 wherein said actuator is mounted on said trailer at a position that is not between said at least one support arm and said at least one other support arm.

35. (Cancelled) The inclining trailer of claim 1 wherein said actuator actuates movement between said first position and said second position without manual manipulation of said trailer.

36. (Cancelled) The inclining trailer of claim 1 wherein a force actuating travel between said first position and said second position is applied by said actuator.

37. (Cancelled) The inclining trailer of claim 1 further comprising four wheels, each of said wheels being supported by one of said at least one wheel support arm.

38. (Cancelled) An inclining trailer, comprising:

- a. a bed;
- b. a hitch attached to said bed;
- c. a rotating member having first and second ends, wherein said rotating member extends horizontally across a portion of the underside of said bed, and wherein said rotating member is directly pivotally engaged with said bed;
- d. a first support arm having first and second ends, wherein said first support arm first end is affixed to said rotating member first end adjacent a first side of said bed, and wherein said first support arm second end is in direct pivotal engagement with an axle for a wheel;

- c. a second support arm having first and second ends, wherein said second support arm first end is affixed to said rotating member second end adjacent a second side of said bed, wherein said second support arm second end is in direct pivotal engagement with an axle for a wheel, and wherein said first and second support arms are configured with respect to said bed so that in a first position said bed is substantially level and in a second position said bed is inclined; and,
- f. a powered actuator having first and second ends, wherein said powered actuator first end is directly pivotally engaged with said first support arm, wherein said powered actuator second end is pivotally engaged with said bed such that said actuator mediates travel of said first and second support arms between said first position and said second position.

39. (Cancelled) The trailer according to claim 36 further comprising:

- a. a first axle and wheel assembly affixed to said first support arm second end; and,
- b. a second axle and wheel assembly affixed to said second support arm second end.

40. (Cancelled) The trailer according to claim 36 wherein said hitch is further defined as a tongue-type hitch.

41. (Cancelled) The trailer according to claim 36 wherein said hitch is further defined as a gooseneck-type hitch.

42. (Cancelled) The trailer according to claim 36 wherein a portion of said bed opposite said hitch forms a reverse beaver tail.

43. (Cancelled) The trailer according to claim 36 wherein said powered actuator is a pneumatic actuator.

44. (Cancelled) The trailer according to claim 36 wherein said powered actuator is a linear drive motor.

45. (Cancelled) The trailer according to claim 36 wherein said powered actuator is a hydraulic actuator.

46. (Cancelled) The trailer according to claim 43 further comprising a hydraulic pump operatively mounted on said bed.

47. (Previously presented) An inclining trailer, comprising:

- a. a bed;
- b. a hitch attached to said bed;
- c. a first rotating member having first and second ends, wherein said first rotating member extends horizontally across a portion of the underside of said bed, and wherein said first rotating member is directly pivotally engaged with said bed;
- d. a second rotating member having first and second ends, wherein said second rotating member extends horizontally across a portion of the underside of said bed behind said first rotating member, and wherein said second rotating member is directly pivotally engaged with said bed;
- e. a first support arm having first and second ends, wherein said first support arm first end is affixed to said first rotating member first end adjacent a first side of said bed, and wherein said first support arm second end is in direct pivotal engagement with an axle for a wheel;
- f. a second support arm having first and second ends, wherein said second support arm first end is affixed to said first rotating member second end adjacent a second

side of said bed, and wherein said second support arm second end is in direct pivotal engagement with an axle for a wheel;

- g. a third support arm having first and second ends, wherein said third support arm first end is affixed to said second rotating member first end adjacent said first side of said bed, and wherein said third support arm second end is in direct pivotal engagement with an axle for a wheel;
- h. a fourth support arm having first and second ends, wherein said fourth support arm first end is affixed to said second rotating member second end adjacent said second side of said bed, and wherein said fourth support arm second end is in direct pivotal engagement with an axle for a wheel, and wherein said first, second, third, and fourth support arms are configured with respect to said bed so that in a first position said bed is substantially level and in a second position said bed is inclined;
- i. a walking beam having first and second ends, wherein said walking beam first end is pivotally connected to said first support arm;
- j. a connecting link having first and second ends, wherein said connecting link first end is pivotally engaged with said walking beam second end, and wherein said connecting link second end is pivotally engaged with said third support arm; and,
- k. a powered actuator having first and second ends, wherein said powered actuator first end is pivotally engaged with said walking beam between said walking beam first and second ends, wherein said powered actuator second end is pivotally engaged with said bed such that said powered actuator mediates travel of said

first, second, third, and fourth support arms between said first and second positions.

48. (Currently amended) The trailer according to claim 47 further comprising:

- a. a first ~~axle and~~ wheel assembly affixed operably mounted on said axle engaging to said first support arm second end;
- b. a second ~~axle and~~ wheel assembly affixed operably mounted on said axle engaging to said second support arm second end;
- c. a third ~~axle and~~ wheel assembly affixed operably mounted on said axle engaging to said third support arm second end; and,
- d. a fourth ~~axle and~~ wheel assembly affixed operably mounted on said axle engaging to said fourth support arm second end.

49. (Previously presented) The trailer according to claim 47 wherein said hitch is further defined as a tongue-type hitch.

50. (Previously presented) The trailer according to claim 47 wherein said hitch is further defined as a gooseneck-type hitch.

51. (Previously presented) The trailer according to claim 47 wherein a portion of said bed opposite said hitch forms a reverse beaver tail.

52. (Previously presented) The trailer according to claim 47 wherein said powered actuator is a pneumatic actuator.

53. (Previously presented) The trailer according to claim 47 wherein said powered actuator is a linear drive motor.

54. (Previously presented) The trailer according to claim 47 wherein said powered actuator is a hydraulic actuator.

55. (Previously presented) The trailer according to claim 47 further comprising a hydraulic pump operatively mounted on said bed.

56. (Previously presented) The trailer according to claim 47 further comprising:

- a. a second walking beam having first and second ends, wherein said second walking beam first end is pivotally connected to said second support arm;
- b. a second connecting link having first and second ends, wherein said second connecting link first end is pivotally engaged with said second walking beam second end, and wherein said second connecting link second end is pivotally engaged with said fourth support arm; and
- c. a second powered actuator having first and second ends, wherein said second powered actuator first end is pivotally connected with said second walking beam between said second walking beam first and second ends, wherein said second powered actuator second end is pivotally engaged with said bed such that said second powered actuator mediates travel of said second and fourth support arms between said first and second positions.